SEQUENCE LISTING

<	<110> Bruce, Wesley B. Niu, Xiping	
<	<120> Novel Plant Promoters and Methods of Use	
<	<130> 1165	
	<150> US 60/177,437 <151> 2000-01-21	
	<160> 72	
	<170> FastSEQ for Windows Version 3.0	
	<210> 1 <211> 19 <212> DNA <213> Triticum aestivum	
	<400> 1 gacac gtggcgcga 1	9
	<210> 2 <211> 27	
	<211> 27 <212> DNA	
	<213> Zea mays	
	<400> 2 gaaga accgagacgt ggcgggc 2	7
	<210> 3	
	<211> 27	
	<212> DNA	
	<213> Zea mays	
	<400> 3	
gcgctc	cgcgc cacgtgggca tgccgcc	27
	<210> 4	
	<211> 25	
	<212> DNA	
	<213> Zea mays	
	<400> 4	
ggttgt	tcaca tgtgtaaagg tgaag	25
	<210> 5	
	<211> 28	
	<212> DNA	
	<213> Zea mays	
gatca	<400> 5 tgcat gtcattccac gtagataa	28
	<210> 6	
	<211> 20	
	<212> DNA <213> Cauliflower mosaic virus	
	CST3> CUMITITIONET HOUSTO ATTOR	

<400> 6 gtggattgat gtg	gatatoto	20
<210> 7 <211> 2 <212> D	8	
	auliflower mosaic virus	
<400> 7	agggatga cgcacaat	28
tecaetgacg ta	agggatga tgtataat	
<210> 8		
<211> 2		
<212> D	NA grobacterium	
(213) A	giobaccciiam	
<400> 8		
tgacgtaagc gc	ettacgtca	20
<210> 9		
<211> 2		
<212> D	ANG	
<213> N	Jicotiana tabacum	
<400> 9		
	gctcttatc tcac	24
<210> 3 <211> 2		
<211> 2 <212> I		
	Glycine max	
<400> 3	10	
	tcctcaata agcta	25
3. 3.3		
<210>		
<211> 2 <212> I		
	Glycine max	
	•	
<400>		27
gcaatccttt g	tctcaataa gttccac	۵,
<210>	12	
<211>		
<212>		
<213>	Glycine max	
<400>		
aagggagaca a	cttgtctcc ca	22
<210>	13	
<211>	24	
<212>		
<213>	Pisum sativum	
<400>	13	
atcttgtgtg g	rttaatatgg ctgc	24
<210>	14	
.231.		

<212> DNA <213> Arabidopsis thaliana	
<400> 14 cttcatcttc ttcctccacc aaacg	25
<210> 15	
<211> 23	
<212> DNA	
<213> Arabidopsis thaliana	
<400> 15	0.2
atttcatggc cgacctgctt ttt	23
<210> 16	
<211> 25	
<212> DNA	
<213> Glycine max	
<400> 16	25
agaagcttcc agaagcttct agaag	
<210> 17	
<211> 20	
<212> DNA	
<213> Zea mays	
<400> 17	20
atgcacgaat tgaccattcc	20
<210> 18	
<211> 28	
<212> DNA	
<213> Petroselinum crispum	
<400> 18	28
cataagagcc gccactaaaa taagaccg	20
<210> 19	
<211> 20	
<212> DNA	
<213> Triticum aestivum	
<400> 19	20
ggccacgtca ccaatccgcg	20
<210> 20	
<211> 30	
<212> DNA	
<213> Zea mays	
<400> 20	2.2
cgggtcagtg tacctaccaa ccttaaacac	30
<210> 21	
<211> 28	
<212> DNA	
<213> Zea mays	
<400> 21	28
cgtctaactg cgactggcag gtgcgcac	28

29
15
24
26
26
2.2
22
22
22
22
22
22
22
22
27
27
27
27

<213> Arabidopsis thaliana	
<400> 29 caatactttc catttttagt aactaagett	30
Caacacccc caccccage anomagers	
<210> 30	
<211> 22 <212> DNA	
<212> DNA <213> Arabidopsis thaliana	
(122) - 1-12 - 1-12 - 1-12 - 1-12 - 1-12 - 1-12 - 1-12 - 12 -	
<400> 30	22
ggtatcgttg accgagttga ct	
<210> 31	
<211> 26	
<212> DNA <213> Petunia hybrida	
(213) Feedina Hysrada	
<400> 31	26
ttgacagtgt cacttgacag tgtcac	20
<210> 32	
<211> 18	
<212> DNA <213> Zea mays	
(213) Zea mays	
<400> 32	18
gatcaaaaaa gtgagatc	± 0
<210> 33	
<211> 31	
<212> DNA	
<213> Petroselinum crispum	
<400> 33	31
attcaatagt gtgctaattg tttaagagtt g	31
<210> 34	
<211> 22	
<212> DNA	
<213> Hordeum vulgare	
<400> 34	22
tgccattgcc accggccccc ca	22
<210> 35	
<211> 22	
<212> DNA	
<213> Glycine max	
<400> 35	0.0
agcagacatg gtaggcagtg ca	22
<210> 36	
<211> 22	
<212> DNA	
<213> Phaseolus vulgaris	
<400> 36	
tcacctaccc tacttcctat cc	22
<210> 37	
NATUR OF	

<211> 30	
<212> DNA	
<213> Hordeum vulgare	
<u>-</u>	
<400> 37	2.0
aatcgtcatg aatgaagtca tgtgacggct	30
<210> 38	
<211> 25	
<212> DNA	
<213> Nicotiana tabacum	
<400> 38	
aggggcaget tegaceteet tetee	25
aggggcaget tegaceteet teete	
<210> 39	
<211> 31	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> synthetic	
<400> 39	
tcagaacacg caagttgcca gctcacccaa c	31
<210> 40	
<211> 20	
<212> DNA	
<213> Zea mays	
<400> 40	20
agatatgcat gatctttaac	
<210> 41	
<211> 29	
<212> DNA	
<213> Zea mays	
<u>-</u>	
<400> 41	30
tgcggtttct tttggcacaa atggcatga	29
010 40	
<210> 42	
<211> 30 <212> DNA	
<212> DNA <213> Zea mays	
(213) Dea mays	
<400> 42	
aaatctacct ccaaccaacc cagctttgta	30
<210> 43 <211> 30	
<211> 30 <212> DNA	
<213> Zea mays	
10.10.	
<400> 43	3.0
atcacaccaa cttatcacct agaaaagcga	30
<210> 44	
<210> 44 <211> 22	
<211> 22 <212> DNA	
<213> Glycine max	
·	

<400> 44 ccttttgtct cccttttgtc tc	22
<210> 45 <211> 28	
<212> DNA	
<213> Oryza sativa	
<400> 45 cgaggtgggc ccgtaggtgg gcccgtat	28
<210> 46	
<211> 24	
<212> DNA	
<213> Petroselinum crispum	
<400> 46	24
taccttttta cccttcatgt catc	
<210> 47	
<211> 25	
<212> DNA	
<213> Pisum sativum	
<400> 47	2.5
gtcgacaaaa gttaggttag caggc	25
<210> 48	
<211> 21	
<212> DNA	
<213> Hordeum vulgare	
<400> 48	2.1
ggccgataac aaactccggc c	21
<210> 49	
<211> 27	
<212> DNA	
<213> Lycopersicon esculentum	
<400> 49	27
ttttattccc aacaatagaa agtcttg	27
<210> 50	
<211> 22	
<212> DNA	
<213> Nicotiana tabacum	
<400> 50	22
gatttggtca gaaagtcagt cc	22
<210> 51	
<211> 31	
<212> DNA	
<213> Triticum aestivum	
<400> 51	2.5
gtagtgccac caaacacaac ataccaaatt a	31
<210> 52	
<211> 21	

<212> DNA	
<213> Brassica napus	
<400> 52	
gateceacat acacatacae g	21
gaccocaca acacacac	
010 53	
<210> 53	
<211> 27	
<212> DNA	
<213> Helianthus annuus	
<400> 53	
- · ·	27
cagctccaaa tggtgatctt ctcctgg	
<210> 54	
<211> 20	
<212> DNA	
<213> Helianthus annuus	
(213) Herranchus ammaas	
<400> 54	20
tatacagatg tagcatgtct	20
<210> 55	
<211> 25	
<212> DNA	
<213> Zea mays	
<400> 55	
ttgacgtgta aagtaaattt acaac	25
cegaegegea aageaaaeee araar	
212. 56	
<210> 56	
<211> 22	
<212> DNA	
<213> Pisum sativum	
<400> 56	
	22
gacacgtaga atgagtcatc ac	
<210> 57	
<211> 26	
<212> DNA	
<213> Zea mays	
(213) 264 114,0	
<400> 57	26
gtccctctcc cgtcccagag aaaccc	26
<210> 58	
<211> 20	
<212> DNA	
<213> Nicotiana tabacum	
<400> 58	_
tgtcccccaa cggtcttatt	20
	
<210> 59	
<211> 20	
<212> DNA	
<213> Arabidopsis thaliana	
<400> 59	
atatcatacc qacatcagtt	20
alallalala Mulallamet	

<210> 60 <211> 20 <212> DNA <213> Arabidopsis thaliana	
<400> 60 atatactacc gacatgagtt	20
<210> 61	
<211> 31	
<212> DNA	
<213> Arabidopsis thaliana	
<400> 61	31
gataaagatt acttcagata taacaaacgt t	31
<210> 62	
<211> 23	
<212> DNA <213> Nicotiana tabacum	
<213> NICOLIANA CADACUM	
<400> 62	23
ttcccctagc tagatacttc att	
<210> 63	
<211> 27	
<212> DNA	
<213> Pisum sativum	
<400> 63	
cgattattga gatatataat aaattag	27
<210> 64	
<211> 21	
<212> DNA	
<213> Lycopersicon esculentum	
<400> 64	
cgaaaacata cgcgcgaaat t	21
<210> 65	
<211> 413	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> synthetic	
<400> 65	
taggttaatt tattgggcgg taattatagc ttcgagaaga accgagacgt ggcgggctag	60 120
cttcgagaag aaccgagacg tggcgggcta gctaggttaa ttattggcgg gtaattatag	180
ctccactgac gtaagggatg acgcacaatt agctaggtta attattggcg ataattatag ctaggttaat tattggcggt aattatagca tatcataccg acatcagttt agctaggtta	240
attattggcg gtaattatag catatcatac cgacatcagt ttagcatatc ataccgacat	300
cagtttagct ccactgacgt aagggatgac gcacaattag catatcatac cgacatcagt	360
ttagcatatc ataccgacat cagtttagct tcgagaagaa ccgagacgtg gcg	413
<210> 66	
<211> 392	
<212> DNA	
<213> Artificial Sequence	

<211> 198 <212> DNA

```
<220>
      <223> synthetic
      <400> 66
gctaaactga tgtcggtatg atatgctagc ccgccacgtc tcggttcttc tcgaagctaa
                                                                        60
                                                                       120
actgatgtcg gtatgatatg ctaattgtgc gtcatccctt acgtcagtgg agctagcccg
ccacgtctcg gttcttctcg aagctaaact gatgtcggta tgatatgcta taattaccgc
                                                                       180
                                                                       240
caataattaa cctagctaat tgtgcgtcat cccttacgtc agtggagcta aactgatgtc
                                                                       300
ggtagatatg ctaatacggg cccacctacg ggcccacctc ggctaatacg ggcccaccta
cgggcccacc tcggctaaac tgatgtcggt atgatatgct aattgtgcgt catcccttac
                                                                       360
                                                                       392
gtcagtggag ctaaactgat gtcggtatga ta
      <210> 67
      <211> 314
      <212> DNA
      <213> Artificial Sequence
      <220>
      <223> synthetic
      <400> 67
                                                                        60
tagcatatca taccgacatc agtttagcat atcataccga catcagttta gctccactga
                                                                       120
cgtaagggat gacgcacaat tagccgaggt gggcccgtag gtgggcccgt attagcttcg
agaagaaccg agacgtggcg ggctagccga ggtgggcccg taggtgggcc cgtattagct
                                                                       180
tcgagaagaa ctgagacgtg gcgggctagc atatcatacc gacatcagtt tagctaggtt
                                                                       240
aattattggc ggtaattata gctaggttaa ttattggcgg taattatagc ttcgagaaga
                                                                       300
                                                                        314
accgaggacg tggc
      <210> 68
      <211> 278
      <212> DNA
      <213> Artificial Sequence
      <220>
      <223> synthetic
      <400> 68
 tagettegag aagaegtgge gggeegeeae gteteggtte ttetegaage tataattaee
                                                                         60
 gccaataatt aacctagcta taattaccgc caataattaa cctagctata attaccgcca
                                                                        120
 ataattaacc tagctaaact gatgtcggta tgatatgcta aactgatgtc ggtatgatat
                                                                        180
                                                                        240
 gctaaactga tgtcggtatg atatgctaaa ctgatgtcgg tatgatatgc tagcccgcca
                                                                        278
 cgtctcggtt cttctcgaag ctaatacggg cccaccta
       <210> 69
       <211> 348
       <212> DNA
       <213> Artificial Sequence
       <220>
       <223> synthetic
       <400> 69
 cgaggtgggc ccgtaggtgg gcccgtatta gctccactga cgtaagggat gacgcacaat
                                                                         60
 tagctaggtt aattattggc ggtaattata gctccactga cgtaagggat gacgcacaat
                                                                        120
 tagcatatca taccgacatc agtttagctc cactgacgta agggatgacg cacaattagc
                                                                        180
                                                                        240
 tccactgacg taagggatga cgcacaatta gccgaggtgg gcccgtaggt gggcccgtat
                                                                        300
 tccactgacg taagggatga cgcacaatta gccgaggtgg gcccgaggtg ggcccgtatt
                                                                         348
 agcatatcat accgacatca gtttagcttc gagaagaacc gagtcgag
       <210> 70
```

<213> Artificial Sequence	
<220> <223> synthetic	
<pre><400> 70 taaactgatg tcggtatgat aatgccaacc cggcaacgtc ccggttcttc tcgaagctat aattaccgcc aataattaac ctagctaaac tgatgtcggt atgatatgct aattgtgcgt catcccttac gtcagtggag ctaattgtgc gtcatccctt acgtcagtgg agctccactg aacgtaaggg atgacgtc</pre>	60 120 180 198
<210> 71 <211> 302 <212> DNA <213> Artificial Sequence	
<220> <223> synthetic	
<400> 71 ttgtgcgtca tcccttacgt cagtggagta attaccgcca ataattaacc tagctaaact gatgtcggta tgatatgcta aactgatgtc ggtatgatat gctagccgc cacgtctcgg ttcttctcga agctaatacg ggcccaccta cgggcccacc tcggctaaac tgatgtcggt atgatatgct aatacgggcc cacctacggg cccacctcgg ctagcccgcc acgtctcggt tcttctcgaa gctaaactga tgtcggtatg atatgctaaa ctgatgtcgg tatgatatgc ta	60 120 180 240 300 302
<210> 72 <211> 157 <212> DNA <213> Artificial Sequence	
<220> <223> synthetic	
<pre><400> 72 gtgcgtcatc ccttacgtca gtggagcttc gagaagaacc gagacgtggc gggctagcta ggttaattat tggcggtaat tatagctcca ctgacgtaag agcttcgaga agaaccgaga cgtggcgggc tagcatatca taccgacatc agtttag</pre>	60 120 157